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AUG 26 2002

REQUEST FOR CONTINUED EXAMINATION (RCE)

Subsection (b) of 35 U.S.C. §132, effective on May 29, 2000, provides for continued examination of a utility or plant application filed on or after June 8, 1995. See The American Inventors Protection Act of 1999 (AIPA).

Application Number	09/595,650 #21
Filing Date	June 16, 2000 Plunkett
First Named Inventor	Yuan-Ping Pang 8/29/02
Group Art Unit	1631
Examiner Name	M. Sheinberg
Attorney Docket Number	07039-161001

This is a Request for Continued Examination (RCE) under 37 C.F.R. §1.114 of the above-identified application.

NOTE: 37 C.F.R. §1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. §1.53(d) (PTO/SB/29) instead of a RCE to be eligible for the patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000), which established RCE practice.

1. Submission required under 37 C.F.R. §1.114

a. ☐ Previously submitted

- i. ☐ Consider the amendment(s)/reply under 37 C.F.R. §1.116 previously filed on _____
(Any unentered amendment(s) referred to above will be entered)
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- iii. ☐ Other _____

b. ☒ Enclosed

- i. ☒ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☐ Information Disclosure Statement (IDS)
- iv. ☐ Other _____

2. Miscellaneous

- a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. §1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; fee under 37 C.F.R. §1.17(i) required)
- b. ☒ Other Petition for One-Month Extension of Time

3. Fee The RCE fee under 37 C.F.R. §1.17(e) is required by 37 C.F.R. §1.114 when the RCE is filed.

- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 06-1050
 - i. ☐ RCE fee required under 37 C.F.R. §1.17(e)
 - ii. ☐ Extension of time fee (37 C.F.R. §§1.136 and 1.17)
 - iii. ☒ Other Any deficiencies
- b. ☒ Check in the amount of \$ 425 enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT REQUIRED

Name (Print/Type)	Monica McCormick Graham, Ph.D.	Registration No. (Attorney/Agent)	42,600
Signature	<i>Monica McCormick Graham</i>	Date	8/19/02

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to **Commissioner for Patents, Box RCE, Washington, DC 20231** or facsimile transmitted to the U.S. Patent and Trademark Office on: August 19, 2002

Name (Print/Type)	Kathryn J. Sanderson	Date	August 19, 2002
Signature	<i>Kathryn J. Sanderson</i>		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TECH CENTER 1600/2900

Applicant : Yuan-Ping Pang

Art Unit : 1631

Serial No. : 09/595,650

Examiner : M. Sheinberg

Filed : June 16, 2000

Title : MOLECULAR MODELING FOR METALLOPROTEINS

BOX RCE

Commissioner for Patents

Washington, DC 20231

#221C
Plunkett

8/29/02

PRELIMINARY AMENDMENT

This communication is responsive to the Office Action mailed April 19, 2002 (hereinafter "OA") and to the Advisory Action mailed July 18, 2002. Applicant respectfully requests reconsideration of the Examiner's rejection of claims 37-54 in view of the following amendments and remarks.

AMENDMENT

Please amend claims 37 and 55 as follows:

Sub P1
-- 37. (Twice amended) A machine having a memory that contains data representing a simulated metal ion generated by a molecular dynamics simulation, wherein said simulated metal ion comprises center atom having a van der Waals radius greater than zero covalently linked to one or more dummy atoms having a van der Waals radius of about zero, wherein the overall charge of said metal ion is evenly distributed among said dummy atoms and wherein said center atom has a charge of zero.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit August 19, 2002

Signature

Kathryn J. Sanderson

Typed or Printed Name of Person Signing Certificate

55. (Amended) A computer readable medium having computer executable instructions stored thereon, wherein the execution of said instructions simulates a metal ion, said metal ion comprising a center atom having a van der Waals radius greater than zero covalently linked to one or more dummy atoms having a van der Waals radius of about zero, wherein the overall charge of said metal ion is evenly distributed among said dummy atoms and wherein said center atom has a charge of zero. --